

FORM 1 V
BELYAYEVSKIY, I.A., kandidat tekhnicheskikh nauk; TUROV, F.V.; DAYNEKO, Z.N.

Wood hydrolysis by horizontal percolation. Gidroliz. i lesokhin. prom.
8 no.4:3-6 '55. (MIRA 8:9)

1. Bobruyskiy gidroliznyy zavod (for Turov and Dayneko)
(Wood distillation)

TUR V. F. V.

Wood hydrolysis in tanks with horizontal percolation. T. A. Belyaevskii, P. V. Turav, and Z. N. Dabneko (Hydrolysis Plant, Bobruisk). *Gidrotekhn. i Lesokhim. Prom.* 8, No. 4, 3-8 (1965).—Exptl. work is reported on the hydrolytic process in reaction vessels equipped with perforated liquor feed lines in vertical position and products removing pipes running parallel to them. During the operation the pressure is set at the equil. p. of the hydrolysis. The ligenous residue is, therefore, less compressed and removed easier. The hydrolytic products are obtained in purer form, the reaction time is shorter, and less corrosion is experienced than with the equipment of older design. Two variations in the setup of the installation have been adopted. In one the liquor is fed through a central line and is directed toward 6 pipes around the inside wall. In the second modification the liquor is charged through a pipe at one side of the wall and its current is directed through the reaction mass toward the other side of the tank where 3 or 5 pipes are located for removal of the reaction products. The efficiency of the operation depends on a light overcharge of the liquor and a proper coordination of the reaction variables (time, temp., and concn. of the cooking acid). T. Jurecic

(2)

70000 61
TUROV, G.F.

Fluorography in the polyclinic. Vest.rent. 1 rad. no.4:73-75
Jl-Ag '55. (MLRA 8:12)

1. Iz Moskovskoy ob'yedinennoy bol'nitsy no.23 imeni Medsantrud
(glavnyy vrach. A.P.Timofeyeva)

(FLUOROSCOPY,

fluorographic serv. in polyclinics in Russia)

(CLINICS

in Russia, fluorographic serv.)

TUROV, G.I.

Graphic method for evaluating stereoscopic cloud chamber
photographs by means of a stereoscopic comparator. Trudy
Inst. iad. fiz. AN Kazakh. SSR 6:129-132 '63. (MIRA 16:10)

TUROV, G.I.

Expressive quantitative analysis of rare-earth elements in
minerals. Izv. AN Kazakh. SSR. Ser. geol. 22 no. 5: 93-96 S-O '65.
(MIRA 18:12)

1. Institut geologicheskikh nauk imeni K.I. Satpayeva, g.
Alma-Ata.

TUROV, I.

Forests and Forestry--Chkalov (Province)

In the Buzuluk pine forest. Vokrug sveta 21, no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, JULY 1952, ~~1955~~, Uncl.

Turov, I. F.

An objective fluorescent analytical method for practical studies of air hygiene. I. F. Turov. *Norani Med*, 1952, No. 20, 10-24. — The method is designed primarily for the total estn. in the air of products of pyrolysis of kerosine, petroleum and other oils, and their aerosols. The method is based on the principle of fluorescence instead of color development and uses 60% soln. of EtOH instead of H₂O for the absorption of the air impurities. It completely absorbs the air impurities at +30° to -45°, yield. higher results, indicates more closely the degree and type of existing air contamination by pyrolyzates, and is almost completely objective. A special fluorometer to be used with this method is described, and schematic and photographic illustrations are presented.

B. S. Levine

MD

ТУРОВ, И. Ф.

TUROV, I.F.

Objective fluorescence method for the analysis of contaminated air.
Nov.med. no.26:19-26 '52. (MIRA 11:1)
(FLUORESCENCE) (AIR--ANALYSIS)

TUROV, I.S.

Biological groups of terrestrial vertebrates inhabiting river bottom
lands. Nauch. dokl. vys. shkoly; biol. nauki no.2:62-65 '58.

(MIRA 11:10)

1. Predstavlena kafedroy zoologii pozvonochnykh Moskovskogo
gosudarstvennogo universiteta imeni M.V. Lomonosova.
(Valleys) (Zoology--Ecology)

TUROV, I.S.

Materials on the craniology of moose of the Soviet Union. Nauch.
dokl. vys. shkoly; biol. nauki no.3:40-45 '60. (MIRA 13:8)

1. Rekomendovana kafedroy zoologii pozvonochnykh Moskovskogo
gosudarstvennogo universiteta imeni M.V. Lomonosova.
(Moose) (Skull)

TUROV, I.S.

Role of gadflies in the biology of the elk. Zool.zhur. 32 no.5:886-892
S-0 '53. (MLBA 6:10)

1. Kafedra zoologii pozvonochnykh Moskovskogo gosudarstvennogo universiteta
im. M.V.Lomonosova. (Elk) (Horseflies)

TUROV, I. S. Cand Biol Sci -- (diss) "Land vertebrates of the river valleys of the Volga basin." Mos, 1959. 19 pp (Mos Order of Lenin and Order of Labor Red Banner State Univ im M. V. Lomonosov. Biol-Soil Faculty). (KL, 49-59, 139)

-80-

POLOV, V.P.; TUROW, I.S.

On the importance of the carrion crow (*Corvus corone* L.) in bottomlands along the middle Oka River [with English summary in insert]. Zool.shur. 35 no.5:753-757 My '56. (MLRA 9:9)

1.Omskiy gosudarstvennyy zapovednik i kafedra zoologii pozvonochnykh Moskovskogo gosudarstvennogo universiteta imeni M.V.lomonosova.
(Oka Valley--Crows)

KERBABAYEV, E.B.; TUROV, I.S.; SADOVSKIY, V.N.; MOLOCHEK, G.I.; KARAPETYAN, A.B.; BABAYANTS, G.A.

Use of aerosols in fighting carriers of cutaneous leishmaniasis.
Zdrav. Turk. 6 no.1:29-31 Ja-F '62. (MIRA 15:4)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta (dir. - prof. V.I.Vashkov) i Ashkhabadskogo instituta epidemiologii i gigiyeny (dir. - dotsent Ye.S.Popova).
(DELHI BOIL) (MOTH FLIES--EXTERMINATION)
(SPRAYING AND DUSTING)

TUROV, I.S.

Materials on the feeding of the kite *Milvus korschun* Gm. in the
central Tien Shan. Biul. MOIP. Otd. biol. 66 no.3:147-143 My-
Je '61. (MIRA 14:6)

(NOVO-VOZHESENOVKA REGION—HAWKS) (BIRDS—FOOD)

POLEZHAYEV, V.G.; KIRIN, L.A.; TUROV, I.S.; RYUMIN, A.V.; PARNES, Ya.A.,
red.; BALDINA, N.F., tekhn.red.

[Short manual on the control of rodents in rural areas]
Kratkoe rukovodstvo po bor'be s gryzunami v sel'skoi mestnosti.
Moskva, Medgiz, 1962. 56 p. (MIRA 15:4)
(Rodent control)

TUROV, I. Ya.

20911 Turov, I. Ya. Minusinskiye sadovody. Sad i ogored, lore, No. 6,
s. 40-44

SC: LETOPIS ZHURNAL STATEY - Vol. 28, M_oskva, 1949

TUROV, I.YA.

Fruit Culture--Sakhalin

Development of fruit culture on Sakhalin. Sad i og., no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, MAY 1952 ~~1952~~ Unclassified.

TUROV, M. B.

USSR/Miscellaneous - Propaganda

Card 1/1 : Pub. '77, 24/26

Authors : Turov, M. B.

Title : In spite of sense and reason

Periodical : Nauka i zhizn' 21/7, 45 - 46, July 1954

Abstract : An exhortation and argument against race distinctions.

Institution : ...

Submitted :

TUROV, M.B.

MLRA 7:7

Regardless of common sense. Nauka i shisn' 21 no.7 :45-46

Jl '54.

(MLRA 7:7)

(Race problems)

TUROV, M.G., inzhener; TSYTLENOK, A.L., inzhener.

Valveless pile extractor. Stroitel'stroy. mashinostroy. 1 no.1:22-23 Ja '56.

(MIMA 10:1)

(Piling (Civil engineering))

70000, M.C.
VOYKIN, A.M., inzhener; TUROV, M.G., inzhener.

Examples of working out the technical designs of building
machinery parts and units. Stroi. i dor. mashinostr. 1 no. 4:33-34
Ap '56. (MLRA 10:1)

(Building machinery)

TUROV, M.G., inzhener.

Forced-mixing concrete mixers. Mekh.stroi. 13 no.5:20-22 My '56.
(NIRA 9:8)

(Concrete) (Mixing machinery)

DERING, A.B., glav. red.; TUROV, M.G., zam. glav. red.; BERZON, E.M., red.; BUCHKIN, N.A., red.; KOZLOV, V.K., red.; NAYMARK, I.I., red.; NIKOLAYEV, K.N., red.; SUSHCHEV, N.N., red.; TERESHCHENKO, Ye.I., red.; YUNMEYSTER, A.B., red.; PUL'KINA, Ye.A., otv. za vyp.

[Reports on the technical level of the manufacture of reinforced concrete products] Sbornik dokladov ob urovne tekhniki proizvodstva zhelezobetonnykh izdelii; informatsionnyi material. Leningrad, Otdel tekhn. informatsii. No.3. 1959. 81 p. (MIRA 16:11)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut po mashinam dlya promyshlennosti stroitel'nykh materialov.

(Reinforced concrete products)

BC

6-1

Cryoscopic study of the systems $\text{AlBr}_3\text{-PhNO}_2$ and NaCl or $\text{KCl-AlBr}_3\text{-PhNO}_2$. J. F. MURPHY and P. P. TUNOV. (Mam. Inst. Chem. Ukrain. Acad. Sci., 1938, 8, 85-89).—Anomalous changes in the f.p. of solutions of AlBr_3 in PhNO_2 are not observed when NaCl or KCl is added to the solutions. In view of the rise in conductivity the process taking place is represented as $\text{MCl} + \text{AlBr}_3 \rightarrow \text{MClAlBr}_2$. R. T.

ASH-51A METALLURGICAL LITERATURE CLASSIFICATION

CLASS	SECTION	SUBSECTION	DETAILS
1	1	1	1
2	2	2	2
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CA

Use of solid electrodes in polarography. III. E. M. Skolovets, P. P. Tyrov, and V. D. Ryabokon. *Zavodskaya Lab.* 14, 773-7 (1948); cf. C.A. 43, 8046f. A simplified, hand-operated polarograph was used in these experiments. Current-time curves were obtained of soln. of $1.5 \times 10^{-4} M$ CdSO₄ in 0.1 M KCl, without purging the soln. The solid microcathode was made of Ag wire with a globule brazed to the end; the Hg layer in the bottom of the vessel served as the anode. Prior to the expt. the cathode was amalgamated by dipping in Hg. Each new expt. started with a definite const. condition of the electrode surface and of the soln. around it by depolarizing the electrodes and thereby eliminating the effect of previous polarization. In some tests, the Ag cathode was replaced with a Hg drop. Results were the same in both cases. For a stationary cathode, the current value dropped after an initial rise; for a rotating cathode, the current value was maintained. Results indicate that the chief factor in stabilizing the current is the movement of the soln. next to the electrode; as a result the diffusing processes occur in very thin near-electrode layers. Only with a sufficient rotation speed (about 300 r.p.m.) is it possible

to retain on the surface of the solid electrode the more or less thin near-electrode layer. Current-time curves for "max." currents (current was recorded each time for a completely renewed electrode) were obtained of soln. of $2 \times 10^{-4} M$ CdSO₄ in 0.1 M KCl with stationary Pt needle as anode and Hg layer in bottom of vessel as cathode. Results indicate that the polarographic wave can be constructed either from high readings of the galvanometer needle or from low readings obtained by prolonged waiting (Leblanc method). The greater wave height in the first case indicates that the limiting current develops in the very thin near-electrode layers which are formed within a period of 4-5 sec. which is close to the period of life of one drop. This mechanism of current development is supported by shapes of current-voltage curves (C.A. 42, 466v; 43, 8046f.).

B. Z. K.

TUROV, M.P., inzh.; LIZOGUB, I.G., inzh., starshiy prepodavatel'; SMYKOV,
Ye.K., kand.tekhn.nauk (st. Priyamino, Belorusskoy dorogi)

Use of tracklaying machines in the replacement of switches. Put. 1
put.khoz. 6 no.6:14 '62. (MIFA 15:7)

1. Nachal'nik putevoy mashinnoy stantsii No.71, st. Priyamino,
Belorusskoy dorogi (for Turov). 2. Belorusskiy insitiut inzhenerov
zheleznodorozhnogo transporta (for Lizogub).
(Railroads—Maintenance and repair)

TURCV, I. F.

USSR/Physics
Electrochemistry
Electrodes

Apr 49

"Utilizing Solid Electrodes in Polarography: Article V, Solid Electrodes With Electrochemical Depolarization," Ye. M. Skobets, P. F. Turov, Inst of Gen and Inorg Chem, Acad Sci Ukrainian SSR, 4 pp

"Zavod Lab" Vol XV, No 4 *p. 414-417, 1949*

Suggested solid stationary electrode which can be recharged by electrochemical depolarization using a commutator arrangement. Constancy and reproducibility of the current from experiment to experiment, proportionality of diffusion currents to solution concentrations, and absence of maxima on polarographic curves indicate that method will have practical applications.

PA 43/49T 105

7

CA

The effect of temperature on polarograms VI. R. M. Skolov, P. P. Lurov, and V. D. Ryabukhin. *Zashch. Lab. TS*, 6:12-14 (1940); cf. *ibid.* 14, No. 7 (1948). Solid stationary electrodes yield normal waves which are higher at 50-60° than at normal operating temps. The peaks vanish as a result of this phenomenon (automatic recording), which is caused by increased rate of diffusion at higher temp. and hence a decreased effective diffusion layer around the electrode. Under these conditions it is possible to estimate such substances as CdSO_4 or ZnSO_4 in concns. of the order of 10^{-6} or 10^{-7} , by using a regulated thermostat kept at 60°. G. M. Kozolapoff.

KUDRA, O.K.; TUROV, P.P.

Determination of the relationship of current density to time in water and acetone solutions. Ukrain. Khim. Zhur. 16, 242-53 '50. (MLRA 4:2)
(CA 47 no.22:12052 '53)

C-A

Disassociation potentials of acid, alkaline, and neutral solutions. P. P. Turrov and E. M. Skobets (Inst. Gen. Inorg. Chem., Kiev). *Zhur. Fiz. Khim.* 24, 661-701 (1950).—The cathodic and anodic polarization curves of dil. H_2SO_4 , $NaOH$, $Ba(OH)_2$, K_2SO_4 , and KNO_3 solns. were stud. on a Pt electrode. The acid soln. (0.005 N H_2SO_4) had 2 cathodic potentials (0.54 and 1.00 v.) at which H_2 was evolved, and the 2nd was almost equal to the potential of the alk. and neutral solns. There were 2 anodic potentials with the $NaOH$ (1.00 and 1.40 v.) and $Ba(OH)_2$ (1.00 and 1.41 v.) solns. The neutral solns. showed both cathodic and anodic potentials almost equal to the 2nd values for the acid and alk. solns. The secondary potentials were caused by the disassociation of water mols. while the primary potentials were caused by the discharge of free H^+ and OH^- ions. Paul W. Howerton

TUROV, P. P.

LCU15V

USSR/Chemistry - Cadmium

Apr 51.

"Decomposition Potentials of Cadmium Salts in Acetone Solution," O. K. Kudra, P. P. Turov, Inst Gen and Inorg Chem, Acad Sci Ukrainian SSR, Kiev

"Zhur Fiz Khim" Vol XXV, No 4, pp 391-397

Examd deposition of Cd from CdI_2 and $CdBr_2$ in acetone soln. Found 2 points of inflection on I-E curve at high cathodic cd's, lower potential corr to smooth deposition of Cd, higher to formation of porous black deposit. Diln produced little variation in former case, considerable in latter. Assumed existence of new cathodic process, probably discharge of complex cations, in latter case.

180T20

LC

TUROV, P.P.

LC

19074

USSR/Chemistry - Electrodeposition of Metals May 51

"Decomposition Potentials of Acetone Solutions of Cobalt Salts," O. K. Kudre, P. P. Turov, Inst Gen and Inorg Chem, Kiev, Acad Sci Ukrainian SSR

"Zhur. Fiz. Khim." Vol XIV, No 5, pp 513-518

Potential current curves of CoCl_2 , CoBr_2 , HCl , HBr ; $\text{CoCl}_2 + \text{HCl}$; $\text{CoBr}_2 + \text{HBr}$ in acetone solns were taken at various cathode current densities. Two cathodic discharge potentials were found at high densities. With CoCl_2 or CoBr_2 , the lower of these 2 potentials corresponds to deposition of dense, smooth layer of metal, while at the higher metal black

LC

19074

USSR/Chemistry - Electrodeposition of Metals May 51
(Contd)

is deposited. As distinguished from solns of mixts, there was no development of gas, which with mixts occurs at a 3d value of the potential higher than either of the other 2. Dependence of the 2d (middle) potential on dln varies: with CoCl_2 , the potential grows with dln; with HCl or HBr , it drops. Results indicate complex ions are present in addn to the simple ones.

CA

Decomposition potentials of iron and mercury salts in acetone solutions. O. K. Kudra and P. P. Turro (Gen. and Inorg. Chem. Inst., Acad. Sci. U.S.S.R., Kiev). *Zhur. Fiz. Khim.* 25, 810-22(1951).—No satn. current has been reported so far, following a 2nd decompn. potential in water (C.A. 22, 2435; 23, 8204) or acetone (C.A. 43, 8178) solns. For the former solns., this may be due (Ilavik, C.A. 27, 1275) to the fact that the solvent provides a large reservoir of discharging H^+ . Although this explanation is not directly applicable to the acetone solns., the theory of 2nd potentials would become clearer if at least one case of satn. current could be found. Such a case is reported in this work: acetone solns. of $FeCl_3$ present 3 decompn. potentials: at 1.70 v. corresponding to the reduction of Fe^{3+} , at 2.25 v. where a dense deposit appears at the cathode, and at 3.00 v. where a porous black deposit of iron is observed. Following the 3rd potential, a satn. current is recorded with a subsequent modification up to 12 v. In acetone solns. of HgI_2 and $HgBr_2$, 3 decompn. potentials are also observed corresponding, resp., to the reduction of Hg^{2+} , the deposition of Hg , and finally to an abundant gas evolution. Here the solvent plays a direct role. Gaseous products at the cathode are not observed in all other cases. These results are consistent with the interpretation proposed earlier: the 2nd decompn. potential corresponds to the discharge of complex cations. These complexes interact with the solvent but are not simple solvation complexes.

Michel Boudart

1/KR 552

TURCV, F.P.

Polarographic determination of copper and bismuth when both
are present. Trudy KTIFP no.27:96-101 '63. (MIPA 17:5)

USSR.

The decomposition potential of acidic, neutral, and alkaline solutions. L. P. Turay (Inst. Gen. and Inorg. Chem. Acad. Sci. Ukr. S.S.R., Kiev). *Trudy Spetskhimya Elektrokhim., Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1950, 88-93 (1953); cf. *C.A.* 46, 10443f. - The cathodic process in acid solns. and the anodic process in alk. solns. showed 2 potentials at which the current increased. Kudra (*C.A.* 42, 8073c) ascribed the cathodic phenomenon to the presence of simple and complex H ions. No evidence for such complexes was seen in the diagram of potential vs. log concn. for solns. of AgNO_3 , KCl , $\text{Hg}(\text{NO}_3)_2$, $[\text{Ag}(\text{NH}_3)_2]\text{NO}_3$, and $\text{K}[\text{Ag}(\text{CNS})_2]$ measured with indicator electrodes of Ag, Pt | solid soln. AgBr-AgI (1:1 by wt.), and Ag-Hg. Kudra's theory was also inconsistent with cathodic polarization curves on smooth Pt for 0.1M solns. of CaSO_4 , CoSO_4 , and ZnSO_4 . Data were discussed for HBr in acetone and a soln. of 0.25% CoCl_2 and 0.025% HCl . It was concluded that the 2nd potential was the result of the disson. of water mols., while the first was the discharge of ions.

R. D. Misch

TUROV, P. P.

USSR/ Chemistry - Physical chemistry

Card 1/1 Pub. 116 - 6/30

Authors : Delimarskiy, Yu. K.; Turov, P. P.; and Gitman, Ye. B.

Title : Transference numbers of melted lead halides

Periodical : Ukr. khim. zhur. 21/3, 314-317, June 1955

Abstract : Analysis is made of results obtained in measuring the transference numbers of $PbCl_2$ and $PbBr_2$ in melted state. The relation between the transference number and the nature of the anion is explained. It is shown that this relation cannot be explained only with full consideration of the charge, radius and anion mass and that other yet unknown factors must also be determined. It is assumed that the forces promoting the unipolar conductivity of the salts investigated in solid state also retain their value even in liquid state. Four references: 3 USSR and 1 German (1914-1949). Tables; drawing; diagram.

Institution : Acad. of Sc., Ukr. SSR., Inst. of Gen. and Inorgan. Chem.

Submitted : October 12, 1954

TUROV, P.P.

3

✓ 1406

DECOMPOSITION STRESS OF CERTAIN LEAD COM-
POUNDS IN MOLTEN SODIUM HYDROXIDE. Yd. K.

Dalimarskiy, P. P. Tarov and E. B. Gliman. Zhur. Priklad.
Khim. 38, 1170-3 (1965) Nov. (In Russian)

Decomposition stress of lead oxide and lead dioxide
systems dissolved in molten sodium hydroxide was meas-
ured. Checking analyses were made for the decomposition
stress of sodium hydroxide and $PCO-NaOH$. The current-
tension curves were taken on iron and nickel electrodes.
(R.V.J.)

②

MT

TUROV, P. P.
DELMARSKIY, Yu.K.; TUROV, P.P.; GITMAN, Ye.B.

Recovering the lead of worn-out storage batteries. Ukr.khim.zhur.
23 no.6:817-822 '57. (MIRA 11:1)

1. Institut obshchey i neorganicheskoy khimii AN USSR.
(Lead) (Storage batteries)

L 18442-66

ACC NR: AP6006345

SOURCE CODE: UR/0413/66/000/002/0116/0117

INVENTOR: Turov, R. A.

30
B

ORG: none

TITLE: An accumulator based on rod elements. Class 42, No. 178173

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 116-117

TOPIC TAGS: pulse accumulation, computer component, ferromagnetic film

ABSTRACT: This Author's Certificate introduces an accumulator based on rod elements covered with a thin film of ferromagnetic material. The accumulator coils are wound on a parallel row of these elements. To simplify the construction of the accumulator and to improve accuracy in placing the rod elements with respect to the winding, the coils are made in the form of intersecting wires located in a longitudinal groove in the modular plate, while the rod elements are placed in the channels which remain after the coil forms are removed.

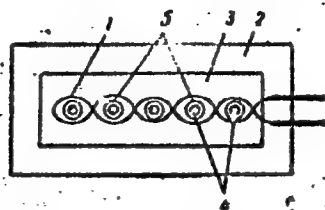
Card 1/2

UDC: 621.374.328.5

22

I 18442-66

ACC NR: AP6006385



1 - accumulator windings; 2 - modular plate; 3 - longitudinal groove; 4 - rod elements; 5 - channels.

SUB CODE: 09/ SUBM DATE: 28Aug64

Card 2/2

mg 5

TUROV, S., prof.

Hawk's mistake. Nauka i zhizn' 29 no.5:74 My '62. (MIRA 15:11)
(Hawks)

TUROV, S., professor.

Photography of animals. Sov. foto 17 no;9:30-33 S '57. (MLRA 10:9)
(Photography of animals)

1. ТУРОВ, С.И.

BENEDIKTOV, I.A., redaktor; GRITSENKO, A.V., redaktor; IL'IN, M.A., zamestitel' glavnogo redaktora, LAPTEV, I.D., LISKUN, Ye.F.; LOBANOV, P.P., glavnyy redaktor; LYSENKO, T.D.; SKRYABIN, K.I.; STOLETOV, V.E.; PAVLOV, G.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SOKOLOV, N.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHKSTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHCHEGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMELOV, S.P., professor, doktor biologicheskikh nauk, nauchnyy redaktor; EDEL'SHTEYN, V.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHCHERBACHEV, D.M., professor, doktor meditsinskikh nauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, nauchnyy redaktor; YEKIMOV, V.P., agronom, nauchnyy redaktor [deceased], YTINGER, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; TIMOFEEV, N.N., professor, nauchnyy redaktor; TUROV, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITT, V.O., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ, V.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor.

(Continued on next card)

BENEDIKTOV, I.A.---- (continued) Card 2.

GRABEN', L.K., akademik, nauchnyy redaktor; NIKOLAYEV, A.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; RED'KIN, A.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SMETNEV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POPOV, I.S., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; MANTYFEL', P.A., professor nauchnyy redaktor; INIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor; ANFIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POSEV, V.I., professor, doktor veterinarnykh nauk, nauchnyy redaktor; LINDE, V.V., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; CHERGAS, B.I., professor, doktor biologicheskikh nauk, nauchnyy redaktor; NIKOL'SKIY, G.V., professor, nauchnyy redaktor; AVTOKRATOV, D.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor; IVANOV, S.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; VIKTOROV, K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor; KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy redaktor; ANTIFIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy redaktor; MARKOV, A.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; DOMRACHEV, G.V., professor, doktor veterinarnykh nauk, nauchnyy redaktor; OLIVKOV, B.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor [deceased]; FLEGMATOV, N.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; BOLTINSKIY, V.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL'YAMS, V.I.P., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; KRASNOV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor;

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 3.

YEVREINOV, M.G., akademik, nauchnyy redaktor; SAZONOV, N.A., doktor tekhnicheskikh nauk, nauchnyy redaktor; MIKANDROV, B.I., inzhener, nauchnyy redaktor; KOSTYAKOV, A.N., akademik, nauchnyy redaktor; CHERKASOV, A.A., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; DAVITAYA, F.F., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; IVANOV, N.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; ORLOV, P.M., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; LOZA, G.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor; CHERNOV, A.V., kontrol'nyy redaktor; ZAVARSKIY, A.I., redaktor; ROS-SOSHANSKAYA, V.A., redaktor; FILATOVA, N.I., redaktor; YEMEL'YANOVA, N.I., redaktor; SILIN, V.S., redaktor BRANZBURG, A.Yu., redaktor; MAGNITSKIY, A.V., redaktor terminov; KUDRYAVTSOVA, A.G., redaktor terminov; AKSENOVA, A.P., mladshiy redaktor; MALYAVSKAYA, O.A., mladshiy redaktor; FEDOTOVA, A.F., tekhnicheskii redaktor

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1956. 663 p. (MIRA 9:9)
(Agriculture--Dictionaries and encyclopedias)

TUROV, S.S., prof. (Moskva)

"Biology of saiga, " by A.G. Bannikov and others. Reviewed by
S.S. Turov. Priroda 51 no.10:123-124 0 '62. (MIRA 15:10)
(Saiga) (Bannikov, A.G.)

POSTNIKOV, Sergey Andreyevich; ZABOLOTSKIY, Sergey Nikolayevich;
TUROV, S.S., doktor biol. nauk, prof., red.; KREKSHINA, L.,
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[Stories of a Meshchera pathfinder] Rasskazy meshcherskogo
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SO: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

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SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No.3, 1949)

1. TUROV, S.S.
2. USSR (600)
4. Vertebrates
7. "Zoology of vertebrates." Prof. S. P. Naumov. Reviewed by S. S. Turov. Zool.zhur.
31 no.5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

TUROV, S.S. [author]; NASIMOVICH, A., kandidat biologicheskikh nauk; TROITSKIY,
N., uchitel' [reviewers].

"Sketches of a hunter-naturalist." S.Turov. Reviewed by A.Nasimovich, N.
Troitskii. Vokrug sveta no.9:62-63 S '53. (MLHA 6:10)
(Turov, S.S.) (Natural history)

TUROV, S. S.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Turov, S. S.	"Notes of a Hunter and Naturalist."	Moscow State University imeni N. V. Lomonosov

SO: W-30604, 7 July 1954

Turov, S.S.

USSR/Biology--Ornithology

Card 1/1

Pub. 86--36/39

Authors

:

Turov, S. S.

PROF. (Moscow)

Title

:

Birds of the Ussuri region

Periodical

:

Priroda 44/1, page 124, Jan 1955

Abstract

:

A review is made of the book, "Birds of the Ussuri Region," by K. A. Vorob'ev, published in 1954 by the Publishing Office of the Acad. of Sc. of the USSR, and containing 360 pages. The book is said to be the first to give full information about bird life in the region near the Pacific. All the comments are favorable.

Institution :

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Submitted :

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TUROV, Sergey Sergeyevich; ZABAZIAYEVA, N.I., redaktor; MULIN, Ye.V.,
tehnicheskij redaktor

[The zoological museum of Moscow University] Zoologicheskij muzej
Moskovskogo universiteta. [Moskva] Izd-vo Moskovskogo univ., 1956.
40 p. (MIRA 9:7)
(Moscow--Zoological museums)

TUROV, Sergey Sergeyevich; DUDOROVA, L., red.; KUZNETSOVA, A.,
tekh. red.

[Animal kingdom of the Moscow region] Zhivotnyi mir Pod-
moskov'ia. Moskva, Mosk. rabochii, 1961. 87 p. illus.
(MIRA 15:3)

(Moscow region—Zoology)

TUROV, Sergey Sergeyevich

[Sketches of a hunter and naturalist] Ocherki okhotnika naturalista. Izd.2., ispr. i dop. Moskva, Mosk.ob-vo ispytatelei prirody, 1952. 332 p. (Moskovskoe obshchestvo ispytatelei prirody. Sredi prirody, no.44). (MIRA 14:4)
(Hunting) (Natural history)

~~TIROV, Sergey Sergeevich;~~ YERIPANOVA, O.I., red.; PARSADANOVA, K.G.,
red.izd-va; SHLYK, M.D., tekhn.red.

[Life of birds] Zhizn' ptits. Moskva, Gos.izd-vo "Sovetskaya
nauka," 1958. 193 p. (MIRA 12:3)
(Birds)

TURNAS, Petr Antonovich

Vozdelyvaniye sel'skokhozyaystvennykh kul'tur na
terfyan'kh pochva'kh (ig) P.A. Turnas (i) D.G. Golovko.
Mos'va, Sel'khozgiz, 1960.

334 p. illus., tables.

Bibliography: p. 332-333.

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PROCESSES AND PROPERTIES MODS

15

Experimental results on the chemization of marsh soils in the far north. P. A. Turmat and A. P. Karetnikova. *Khimiya i Selskoye Zemel'deyaniye* (Moscow) 1935, No. 6, 16-22. — Apatite and nephelinite wastes can be used for the neutralization of acidity in high-moor peat soils just as efficiently as lime. A mixt. of these 2 materials also supplies P and K. Burning virgin moors brings enough bases into circulation to obviate the necessity of adding neutralizing agents. Equiv. applications of apatite and acid phosphate give the latter the preference for the first year. In the years following the differences are obliterated. A double portion of apatite gave just as good results as a single portion of acid phosphate. The K in nephelinite was found to be as effective as the standard K salts. The low moors did not respond to K applications. J. S. J.

ASR-564 METALLURGICAL LITERATURE CLASSIFICATION

1st and 2nd copies

1st and 2nd copies

TURNAS, P. A., NAZIMOV, P. I.

Clearing of Land

Speedy utilization of brushland. Korm. baza 3 no.3:52-54 Mar '52.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

TURNAS, P.A., doktor sel'skokhozyaystvennykh nauk;

From past experience in growing forage plants on the reclaimed lands
of Kaliningrad Province. Nauch. trudy KOMS no.1:198-198 '59.
(MIRA 15:1)

(Kaliningrad Province--Forage plants)

TURNAS, P.A.

Utilizing peat soils of drained bogs in agriculture and forestry.
Pochvovedenie no.4:119-120 Ap '65. (MIRA 13:6)

TURNAS, P.A., doktor sel'skokhoz.nauk; MORGUNOV, N.I., kand.sel'skokhoz.
nauk

Effective use of peat and ammonium fertilizers on vegetable and
potato state farms of Leningrad Province. Torf. prom. 38 no.5:
13-17 '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy
promyshlennosti.
(Leningrad Province--Fertilizers and manures)

TURNAS, P.A., doktor sel'skokhoz. nauk

Drainage of bog and swampy soils in the non-Chernozem zone.
Gidr. i mel. 17 no.11:29-36 N '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy
promyshlennosti.

TURNAS, P.A.

Increasing the efficiency of the agricultural use of peat soils
in the non-Chernozem belt of the U.S.S.R. Pochvovedenie no.7:
10-19 JI '63. (MIRA 16:8)

1. Severnyy nauchno-issledovatel'skiy institut gidrotekhniki
i melioratsii.

(Peat soils)

TURNASKAYA, A. N.

USSR/Physical Chemistry, Thermodynamics, Thermochemistry,
Equilibriums, Phys-Chem, Anal. Phase-transitions.

B-8

Abs Jour : Ref Zhur - Khimiya, No 7, 1957, 22318.

Author : E. M. Savitzky, M. A. Tylkina, A. N. Turnaskaya.

Inst : Not given

Title : Study of titanium and its alloys recrystallization. (Diagrams of titanium recrystallization).

Orig Pub : Izv. A.N. USSR, Otd. Tekhn. n. 1956, No 7, 111-114.

Abstract : Diagrams of recrystallization of titanium iodide and titanium thermal magnesium (brand BTI-D) are plotted, which link together the size of metal grain with the deformation degree and with the subsequent annealing temperature or with the hot deformation temperature are plotted; recrystallization of hot rolled Ti calcium hydride is also studied. In connection with titanium's polymorphism and different capacity of α and β , modifications to produce the grain growth, it is necessary to consider each diagram of recrystallization as consisting of 2 diagrams, corresponding to temperature areas of existence of α and β -ti. α -ti is characterized by a fine grained polyhedral structure, insensibility to the cooling rate after heating, and

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1ST AND 2ND SERIES PROCESSING AND DOMESTIC INDEX 3RD AND 4TH SERIES

bc A-2

Geometric method of rock analysis (M. L. LUTZ, J. L. LUTZ, and J. L. LUTZ, 1968, A-100-411) -- by measuring (C) 10 grains in a thin rock section, the mineralogical composition can be determined with accuracy. The application of the method to mineralogical problems is discussed by F. L. J.

ACM-5LA METALLURGICAL LITERATURE CLASSIFICATION

FROM STONEWALL		FROM DOMING	
CLASS	CLASS	CLASS	CLASS
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TURNAU-MORAWSKA, Maria

Julian Tokarski; : obituary. Przegl geol 9 no.12:644-645 '61.

TURNAU-MORAWSKA, Maria

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1. Katedra Petrografii, Uniwersytet, Warszawa.

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The Albian glauconitic limestone of Wielka Rowien in the Tatra Mountains. Acta geol pol 10 no.3:265-283 '60. (EEAI 10:6)

1. Institute of Petrography of Sedimentary Rocks of the Warsaw University.

(Poland--Limestone) (Poland--Glauconite)
(Tatra Mountains)

COUNTRY : Poland D
CATEGORY :
ART. JOUR. : RZKhm., No. 1959, No. 85748
AUTHOR : Tarnau-Morawska, H.
TITL. :
TITLE : Toleite, Its Position in Systematics of
Rocks and Its Origin.
ORIG. PUB. : Przegl. geol., 1959, 7, No 4, 153-155
ABSTRACT : No abstract.

CARD:

45

TURNAU-MORAWSKA, Maria

Petrographic characteristics of the Ordovician from Mojcza near Kielce compared with deposits of similar age in other parts of Poland. Kwartalnik geol 5 no.4:775-787 '61.

1. Zaklad Petrografii Skal Osadowych, Uniwersytet, Warszawa.

TURNAU-MORAWSKA, H.

Tholeiite, and its place in the systematization of rocks and its origin. p. 153.

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Warszawa, Poland. Vol. 7, no. 4, Apr. 1959.

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Uncl.

GIERWIELANEC, Janusz, TURNAU-MORAWSKA, Maria

Origin of the glauconite in the Cretaceous transgressive sediments in the area between Kudowa and Spelona. Archiw min 25 no.1/2:261-279 '61 [publ. '65].

1. Institute of General Geology of the Wrocław University and Institute of Petrography of Sedimentary Rocks of the Warsaw University.

TURNAU-MORAWSKA, Maria

Changes in the facies of ferriferous rocks in the subjacent Ordovician of northeast Poland. Kwartalnik geol 7 no.1:26-36 '63.

1. Zaklad Petrografii Skal Osadowych, Uniwersytet, Warszawa.

TURNAU-MORAWSKA, M., LINDER, M.

Glauconitic siltstones of the Tatra Eocene. p,147.

ACTA GEOLOGICA POLONICA. Warszawa, Poland. Vol. 9, no. 2, 1959.

Monthly List of East European Accessions (EFAI), LC. Vol. 8, No. 9, September 1959
Uncl.

TURNAU-MORAWSKA, Maria

The glauconitic conglomerate from the lower Ordovician in Miedzygorz,
Gory Swietokrzyskie. Acta geol pol 10 no.2:123-148 '60. (EEAI 9:11)

1. Institute of Petrography of Sedimentary Rocks of the Warsaw
University
(Poland--Glauconite)

TURNAU-MORAWSKA, M.; Passendorfer, E.

Koperszady conglomerate, its origin and age; a summary of a lecture at a meeting of the Polish Geographical Society on November 21. p. 575.
(PRZEGLAD GEOLOGICZNY. Vol. 4, No. 12, Dec. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (MEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

TURNAU-MORAWSKA, M.

Petrography and origin of the Kiperszady conglomerate. p. 163.

(Acta Geologica Polonica. Vol. 7, no. 2, 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

TURNAU - MORAWSKA, M.
Poland/Cosmochemistry - Geochemistry. Hydrochemistry.

D

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, 14072

Author : Turnau - Morawska, M.

Inst : -

Title : Petrography and Genesis of the Koperszad Conglomerate.

Orig Pub : Acta geol. polon., 1957, 7, No 2, 163-185 (pol'sk., russk. franz.)

Abstract : No abstract.

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TURNAU-MORAWSKA, M.

Importance of the analysis of heavy minerals in solving geologic problems. p. 363. ACTA GEOLOGICA POLONICA. Vol. 5, no. 3, 1955. Warszawa.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

Poland/ Cosmochemistry. Geochemistry. Hydrochemistry

D.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11531

Author : Turnau-Morawska Maria

Title : Problems Relating to Genesis of Phosphorites

Orig Pub : Zagadnienia zwiazane z geneza fosforytow.
Przegl. geol., 1956, No 4, 151-153 (Polish)

Abstract : It is pointed out that genesis of phosphorites is connected with sources of P and means of its concentration, as well as with physicochemical and geographical conditions of the formation of phosphorus deposits. Principal primary source of P in sedimentary deposits is apatite, and the secondary are monazite and xenotime. Noted is the important role of organisms which absorb P and release it after death in the form of ammonium phosphate; the latter reacts with Ca carbonate and causes precipitation of Ca phosphate from the solution. Most important deposits of phosphorites were formed in sea water.

TURNAU-MORAWSKA, M.

The main problems of the contemporary science of petrography. p. 247.

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

TURNAU-MORAWSKA, H.

Optical orientation of elongated quartz grains in sand, p. 293.
ARCHIWUM MINERALOGICZNE, Warszawa, Vol. 18, no. 2, 1954 (published 1955).

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
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TURNAU-MORAWKA, M.; LYDKA, K.

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Vol. 22, No. 4, 1952 (published 1954); Krakow, Poland.)

So: Monthly List of East European Accessions, (EEAL), L1, Vol. 4,
No. 4, April 1955, Uncl...

FURMAN-MORAWKA, M.

"Achievements of Soviet Science in Determining the History of Rocks", . / 50,
(PRZGLAD GEOLOGICZNY, No. 11, November 1954, Warsaw, Poland)

SC: Monthly List of East European Accessions (EMAL), 16, Vol. 1, No. 1,
March 1955, Uncl.

TURNAU MOHAWSKA, M.

"Oolitic iron ores as indexes of sedimentation in related surroundings." p.1
(PRZEGLAD GEOLOGICZNY No. 1, Jan. 1955. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No.4.
April 1955. Uncl.

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Optimal orientation of elongated quartz sand grains.
Maria Turbau-Morawska (Univ. Warsaw). *Polish Acad. Sci.
Bull. Geol., Arch. mineralog.* 18, 293-302 (1964) (Pub. P.
1955) (English summary).—A statistical study confirms the
results of Iugerson and Ramisch (C.A. 36, 6447). The ob-
served elongation of quartz grains in sands cannot be inter-
preted as the result of differential abrasion during transport.
Michael Fletcher

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"Progress in petrographic research methods in the USSR," Przegląd Geologiczny, Warszawa, No 3, June 1953, p. 18.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

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Petrography and petrology of sedimentary rocks in Poland. Maria Tuczna-Morawska (Univ. Maria Curie-Skłodowska, Lublin, Russia). *Wiadomości Muzeum Ziemi* 5, 42-62 (1950) (English summary).—A review.
Michael Fleischer

111 AND TWO OTHERS

PROCESSES AND PROPERTIES INDEX

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The pre-Carpathian chain in the light of petrographic analysis. Maria Turnau-Morawska (Univ. Curie-Skłodowska, Lublin, Poland). *Ann. Univ. Mariae Curie-Skłodowska 2, Sec. B, 1-25* (in English, 13-25) (1947). Petrographic study with 18 chem. analyses of rocks. The data do not permit definite conclusions to be drawn as to the relationship of the Flysch material to those of the Tatras and Sudeten mountains. M. Plešcher

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

111 AND TWO OTHERS

TURNAU-MORAWSKA, M.

"Review of contemporary problems concerning the petrography of sedimentary rocks."
p. 69 (WIADOMOSCI MUZEUM ZIEMI, Vol. 6, no. 1, 1952, Warszawa, Poland.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress,
August, 1953, Uncl.

~~SECRET~~ TURNAU-MORAWSKA, M.

Chem Abs V 48

1-25-54

mineralogical Chemistry

Tatra Keuper, its petrography and sedimentology.
Maria Turnau-Morawska (Warsaw Univ., Poland). *Acta
Geol. Polon.* 3, 33-102 (1958) (English summary).—Many
modal and 2 chem. analyses are given of shales (some
dolomitic), siltstones, and sandstones. The course of
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